RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _09/442,489E_

Source: _IFW16_

Date Processed by STIC: _12/30/03_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
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2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221
Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
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Revised 10/08/03

IFW16

RAW SEQUENCE LISTING   DATE: 12/30/2003
PATENT APPLICATION: US/09/442,489E   TIME: 11:56:44

Input Set : A:\SN 09-442,489 substitute amended sequence listing.txt
Output Set: N:\CRF4\12302003\I442489E.raw

       SEQUENCE LISTING
   4 (1) GENERAL INFORMATION:
   6   (i) APPLICANT: ALBERTSEN, HANS
   7   ANAND, RAKESH
   8   CARLSON, MARY
   9   GRODEN, JOANNA
  10   HEDGE, PHILIP J.
  11   JOSLYN, GEOFF
  12   KINZLER, KENNETH
  13   MARKHAM, ALEXANDER F.
  14   NAKAMURA, YUSUKE
  15   THLIVERIS, ANDREW
W--> 16   VOGELSTEIN, BERT
W--> 17   WHITE, RAYMOND L.
  20   (ii) TITLE OF INVENTION: APC ANTIBODIES
  22   (iii) NUMBER OF SEQUENCES: 154
  24   (iv) CORRESPONDENCE ADDRESS:
  25   (A) ADDRESSEE: Banner & Allegretti, LTD
  26   (B) STREET: 1001 G Street, NW
  27   (C) CITY: Washington
  28   (D) STATE: D.C.
  29   (E) COUNTRY: USA
  30   (F) ZIP: 20001-4598
  32   (v) COMPUTER READABLE FORM:
  33   (A) MEDIUM TYPE: Floppy disk
  34   (B) COMPUTER: IBM PC compatible
  35   (C) OPERATING SYSTEM: PC-DOS/MS-DOS
  36   (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
  38   (vi) CURRENT APPLICATION DATA:
  39   (A) APPLICATION NUMBER: US/09/442,489E
  40   (B) FILING DATE: 18-Nov-1999
  41   (C) CLASSIFICATION:
C--> 51   (vii) PRIOR APPLICATION DATA:
  44   (A) APPLICATION NUMBER: US 08/452,654
  45   (B) FILING DATE: 25-MAY-1995
  48   (A) APPLICATION NUMBER: US 08/289,548
  49   (B) FILING DATE: 12-AUG-1994
  52   (A) APPLICATION NUMBER: US 07/741,940
  53   (B) FILING DATE: 08-AUG-(1001) 1991 <---
  56   (viii) ATTORNEY/AGENT INFORMATION:
  57   (A) NAME: Kagan, Sarah A.
  58   (B) REGISTRATION NUMBER: 32,141
  59   (C) REFERENCE/DOCKET NUMBER: 1107.035574

RAW SEQUENCE LISTING   DATE: 12/30/2003
PATENT APPLICATION: **US/09/442,489E**   TIME: 11:56:44

Input Set : **A:\SN 09-442,489 substitute amended sequence listing.txt**
Output Set: **N:\CRF4\12302003\I442489E.raw**

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61      (ix) TELECOMMUNICATION INFORMATION:
62           (A) TELEPHONE: 202-508-9100
63           (B) TELEFAX: 202-508-9299
```

ERRORED SEQUENCES

```
     3914 (2)  INFORMATION FOR SEQ ID NO: 95:                → 25 shown below
     3916      (i)  SEQUENCE CHARACTERISTICS:
     3917           (A) LENGTH: (24) base pairs
     3918           (B) TYPE: nucleic acid
     3919           (C) STRANDEDNESS: single
     3920           (D) TOPOLOGY: linear
     3922      (ii) MOLECULE TYPE: cDNA
     3924      (vi) ORIGINAL SOURCE:
     3925           (A) ORGANISM: Homo sapiens
     3927      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 95:
E--> 3929 AGAAGGATCC CTTGTGCAGT GTGGA                               (24) 25
     4033 (2)  INFORMATION FOR SEQ ID NO: 102:
     4035      (i)  SEQUENCE CHARACTERISTICS:
     4036           (A) LENGTH: 18 base pairs
     4037           (B) TYPE: nucleic acid
     4038           (C) STRANDEDNESS: single
     4039           (D) TOPOLOGY: linear
     4041      (ii) MOLECULE TYPE: cDNA
C--> 4043      (vi) ORIGINAL SOURCE:
     4044           (A) ORGANISM: Homo sapiens
     4046      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 102:
E--> 4048 GGGAGATTTC GCTCCTGA                         (102) 18 shown
E--> 4809 (A) Artificial sequence (consensus)
     4799 (2)  INFORMATION FOR SEQ ID NO: 147:
     4801      (i)  SEQUENCE CHARACTERISTICS:
     4802           (A) LENGTH: 20 amino acids
     4803           (B) TYPE: amino acid
     4804           (D) TOPOLOGY: linear
     4806      (ii) MOLECULE TYPE: protein
     4808      (vi) ORIGINAL SOURCE:
     4811      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 147:
W--> 4813 Phe Xaa Val Glu Xaa Thr Pro Xaa Cys Phe Ser Arg Xaa Ser Ser Leu Ser Ser Leu
     4814  1               5                   10                  15
     4816 Ser
     4817 20
```

See P3 for explanation (handwritten annotation)

(2) INFORMATION FOR SEQ ID NO:147:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 20 amino acids
        (B) TYPE: amino acid
        (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: protein   *insert the heading below*

    (vi) ORIGINAL SOURCE: _____ *ORGANISM:*
        (A) Artificial sequence (consensus)

Input Set : **A:\SN 09-442,489 substitute amended sequence listing.txt**
Output Set: **N:\CRF4\12302003\I442489E.raw**

L:39 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:40 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:43 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]
L:47 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]
L:51 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]
L:16 M:259 W: Allowed number of lines exceeded, (i) APPLICANT:
L:17 M:259 W: Allowed number of lines exceeded, (i) APPLICANT:
L:3929 M:254 E: No. of Bases conflict, Input:24 Counted:25 SEQ:95
L:3929 M:204 E: No. of Bases differ, LENGTH:Input:24 Counted:25 SEQ:95
L:3975 M:220 C: Keyword misspelled or invalid format, [(vi) ORIGINAL SOURCE:]
L:3992 M:220 C: Keyword misspelled or invalid format, [(vi) ORIGINAL SOURCE:]
L:4009 M:220 C: Keyword misspelled or invalid format, [(vi) ORIGINAL SOURCE:]
L:4026 M:220 C: Keyword misspelled or invalid format, [(vi) ORIGINAL SOURCE:]
L:4043 M:220 C: Keyword misspelled or invalid format, [(vi) ORIGINAL SOURCE:]
L:4048 M:254 E: No. of Bases conflict, Input:102 Counted:18 SEQ:102
L:4146 M:220 C: Keyword misspelled or invalid format, [(vi) ORIGINAL SOURCE:]
L:4163 M:220 C: Keyword misspelled or invalid format, [(vi) ORIGINAL SOURCE:].
L:4809 M:243 E: Alpha Header Field expected, Data=[(A) Artificial sequence (consensus)],
Sequence Header Line Not Processed!
L:4813 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:147 after pos.:0